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### **PCT REQUEST**

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0	For receiving Office use only	T
0-1	International Application No.	
0-2	International Filing Date	
0-3	Name of receiving Office and "PCT International Application"	
0-4	Form - PCT/RO/101 PCT Request	
0-4-1	Prepared using	
0-4-1	Prepared using	PCT-EASY Version 2.92
0-5	Petition	(updated 01.07.2003)
U-3	The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty	·
0-6	Receiving Office (specified by the applicant)	Israel Patent Office (RO/IL)
0-7	Applicant's or agent's file reference	27044
1	Title of invention	SYSTEM FOR AND METHOD OF POSITIONING CELLS AND DETERMINING CELLULAR ACTIVITY THEREOF
1	Applicant	
1-1	This person is:	applicant only
1-2	Applicant for	all designated States except US
1-4	Name	RAMOT AT TEL AVIV UNIVERSITY LTD.
I-5	Address:	32 Haim Levanon Street 69 975 Tel Aviv
		Israel
l-6	State of nationality	IL
-7	State of residence	IL
I-8	Telephone No.	
l-9 	Facsimile No.	
1-1	Applicant and/or inventor	
1-1-1	This person is:	applicant and inventor
I-1-2	Applicant for	US only
I-1-4	Name (LAST, First)	BEN-JACOB, Eshel
I-1-5	Address:	8 Harav Ashi Street
		69 395 Tel Aviv
	9	Israel
I-1-6	State of nationality	IL
1-1-7	State of residence	IL

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111-6-7

State of residence



27044 Original (for SUBMISSION) - printed on 03.11.2003 05:44:37 PM Applicant and/or inventor 111-2-1 This person is: applicant and inventor 111-2-2 Applicant for US only 111-2-4 Name (LAST, First) SEGEV, Ronen Address: 111-2-5 9 Yosef HaGlili Street 52 416 Ramat Gan Israel 111-2-6 State of nationality IL 111-2-7 State of residence IL III-3 Applicant and/or inventor III-3-1 This person is: applicant and inventor 111-3-2 Applicant for US only 111-3-4 Name (LAST, First) BARUCHI, Itay 111-3-5 Address: 11 Yehuda Hamacabee Street 62 669 Tel Aviv Israel 111-3-6 State of nationality IL 111-3-7 State of residence IL 111-4 Applicant and/or inventor 111-4-1 This person is: applicant and inventor 111-4-2 Applicant for US only 111-4-4 Name (LAST, First) HULATA, Eyal 111-4-5 Address: 28 Eliyahu Salman Street 94 511 Jerusalem Israel 111-4-6 State of nationality IL 111-4-7 State of residence IL 111-5 Applicant and/or inventor 111-5-1 This person is: applicant and inventor 111-5-2 Applicant for US only 111-5-4 Name (LAST, First) SHAPIRA, Yoash 111-5-5 Address: 23 Newe Reim 49 323 Petah Tikva Israel 111-5-6 State of nationality IL 111-5-7 State of residence IL 111-6 Applicant and/or inventor III-6-1 This person is: RO applicant and inventor 111-6-2 Applicant for US only 111-6-4 Name (LAST, First) HANIN, Yael 111-6-5 Address: 54 Shlonski Street 69 410 Tel Aviv Israel 111-6-6 State of nationality

IL

IL

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111-7	Applicant and/or inventor	
III-7-1	This person is:	applicant and inventor
111-7-2	Applicant for	US only
III-7-4 ·	Name (LAST, First)	GABAY, Tamir
111-7-5	Address:	P. O. Box 3633
		60 920 Kadima
		Israel
111-7-6	State of nationality	IL
111-7-7	State of residence	IL
IV-1	Agent or common representative; or address for correspondence The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:	agent
IV-1-1	Name	G. E. EHRLICH (1995) LTD.
IV-1-2	Address:	11 Menachem Begin Street
		52 521 Ramat Gan
		Israel
IV-1-3	Telephone No.	972-3-6127676
IV-1-4	Facsimile No.	972-3-6127575
IV-1-5	e-mail	patents@ipatent.co.il
V	Designation of States	Parameter Co. II
V-1	Regional Patent (other kinds of protection or treatment, if any, are specified between parentheses after the designation(s) concerned)	AP: GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW and any other State which is a Contracting State of the Harare Protocol and of the PCT EA: AM AZ BY KG KZ MD RU TJ TM and any other State which is a Contracting State of the Eurasian Patent Convention and of the PCT EP: AT BE BG CH&LI CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR and any other State which is a Contracting State of the European Patent Convention and of the PCT OA: BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG and any other State which is a member State of OAPI and a Contracting State of the PCT

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V-2	National Patent	
	(other kinds of protection or treatment	AE AG AL AM AT (patent and utility
	if any, are specified between	model) AU AZ BA BB BG BR BY BZ CA CH&LI
	parentheses after the designation(s) concerned)	CN CO CR CU CZ (patent and utility
	Soncemedy	model) DE (patent and utility model) DK
		(Datent and utility model) DK
		(patent and utility model) DM DZ EC EE
		(patent and utility model) EG ES FI
		(patent and utility model) GB GD GE GH
	ł	GM HR HU ID IL IN IS JP KE KG KP KP K7
		LC LK LR LS LT LU LV MA MD MG MK MN MW
		MX MZ NI NO NZ OM PG PH PL PT RO RU SC
		SD SE SG SK (patent and utility model)
	İ	SI. SY TI THE TEN TO THE TOTAL TO MODEL)
	<b>†</b>	SL SY TJ TM TN TR TT TZ UA UG US UZ VC
V-5	Precautionary Designation Statement	VN YU ZA ZM ZW BW
	In addition to the designations made under items V-1, V-2 and V-3, the	
	applicant also makes under Rule 4 9/h)	
	all designations which would be	
	permitted under the PCT except any designation(s) of the State(s) indicated	·
	under item V-6 below. The applicant	
	declares that those additional	
	designations are subject to confirmation and that any designation which is not	
	confirmed before the expiration of 15	
	months from the priority date is to be	
	regarded as withdrawn by the applicant	
V-6	at the expiration of that time limit.  Exclusion(s) from precautionary	
	designations	NONE
VI-1	Priority claim of earlier national	
VI-1-1	application	
	Filing date	06 November 2002 (06.11.2002)
VI-1-2	Number	60/423,973
VI-1-3	Country	US
VII-1	International Searching Authority	
	Chosen	United States Patent and Trademark
VIII	Declarations	Office (USPTO) (ISA/US)
VIII-1	Declaration as to the identity of the	Number of declarations
	Inventor	
VIII-2	Declaration as to the applicant's	-
	entitlement, as at the international filing date, to apply for and be granted a	
	patent	
VIII-3	Declaration as to the applicant's	
	entitlement, as at the international filing	
4	date, to claim the priority of the earlier application	
VIII-4	Declaration of inventorship (only for the	
	purposes of the designation of the	
	United States of America)	
VIII-5	Declaration as to non-prejudicial	-
j	disclosures or exceptions to lack of novelty	
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IX	Check list	number of sheets	electronic file(s) attached
X-1	Request (including declaration sheets)	5	- ·
X-2	Description	40	-
X-3	Claims	43	-
X-4	Abstract	1	EZABST00.TXT
X-5	Drawings	12	_
X-7	TOTAL	101	
	Accompanying items	paper document(s) attached	electronic file(s) attached
X-8	Fee calculation sheet	<b>✓</b>	_
X-13	Priority document(s)	Item(s) VI-1	_
X-17	PCT-EASY diskette	_	Diskette
X-18	Other (specified):	ILS 476	-
		transmittal fee	
X-19	Figure of the drawings which should accompany the abstract	•	
X-20	Language of filing of the international application	English	,
(-1	Signature of applicant, agent or common representative		
(-1-1	Name	G. E. EHRLICH (1995)	LTD.
-1-2	Name of signatory	EHRLICH, Gal	
-1-3	Capacity	Agent	

### FOR RECEIVING OFFICE USE ONLY

10-1	Date of actual receipt of the purported international application	
10-2	Drawings:	
10-2-1	Received	
10-2-2	Not received	
10-3	Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application	
10-4	Date of timely receipt of the required corrections under PCT Article 11(2)	
10-5	International Searching Authority	ISA/US
10-6	Transmittal of search copy delayed until search fee is paid	

### FOR INTERNATIONAL BUREAU USE ONLY

11-1	Date of receipt of the record copy by	
	the International Bureau	